

INTERNATIONAL SEARCH REPORT

national Application No
PCT/JP2004/017830

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H02M7/42

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H02M H02J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	SUL S-K ET AL: "AN INTEGRAL BATTERY CHARGER FOR FOUR-WHEEL DRIVE ELECTRIC VEHICLE" 1 September 1995 (1995-09-01), IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, IEEE INC. NEW YORK, US, PAGE(S) 1096-1099, XP000535588 ISSN: 0093-9994 the whole document	1-14
Y	EP 1 201 485 A (FORD MOTOR COMPANY) 2 May 2002 (2002-05-02) abstract paragraph '0011! paragraphs '0024!, '0025! ----- -/--	1-14

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *8* document member of the same patent family

Date of the actual completion of the international search

17 March 2005

Date of mailing of the international search report

30/03/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 142 468 A (NEREM ET AL) 25 August 1992 (1992-08-25) abstract figures 2,4	1-14
A	----- US 2002/191423 A1 (ODACHI YASU HARU ET AL) 19 December 2002 (2002-12-19) abstract -----	1-14

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Information on patent family members

International Application No
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			CA 2350177 A1	08-03-2002
			EP 1201485 A1	02-05-2002
			JP 2002165306 A	07-06-2002

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			DE 10226101 A1	06-02-2003
